WHAT IS CLAIMED IS:

1	1. A vessel comprising:				
2	a center hull;				
3	a first side hull coupled to a first side of the center hull;				
4	a second side hull coupled to a second side of the center hull; and				
5	at least one cross support coupling the first and second side hulls,				
6	wherein the center hull is configured to be vertically translated with respect to				
7	the first and second side hulls.				
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1	2. The vessel of claim 1, further comprising a ramp coupled to a first end				
2	of the center hull.				
1	3. The vessel of claim 2, further comprising another ramp coupled to a				
2	second end of the center hull.				
1	4. The vessel of claim 1, further comprising a lifting mechanism				
2	configured to vertically translate the center hull with respect to the first and second side hulls.				
1	5. The vessel of claim 4, wherein the lifting mechanism includes at least				
2	one of a plurality of screw jacks, a plurality of chain jacks, wire rope and linear winches, a				
3					
3	plurality of rack and pinions, and a plurality of hydraulic actuators.				
1	6. The vessel of claim 4, wherein the lifting mechanism includes a				
2	plurality of hydraulic actuators coupled between the center hull and the first and second side				
3	hulls.				
1	7. The vessel of claim 6, wherein the hydraulic actuators are disposed in				
2	the side hulls.				
1	8. The vessel of claim 4, wherein the lifting mechanism includes a				
2	plurality of ballast tanks disposed in the center hull and in the side hulls.				
1	9. The vessel of claim 8, wherein the center hull is configured to be				
2	vertically translated with respect to the first and second side hulls by selectively transferring				
3	ballast water into or out of one or more of the ballast tanks.				

1 10. The vessel of claim 8, wherein the center hull is configured to be tilted by selectively transferring ballast water into or out of one or more of the ballast tanks. 2 The vessel of claim 1, wherein the side hulls are wing walls. 11. 1 The vessel of claim 1, wherein the side hulls include a plurality of 12. 1 guides, and the center hull includes a plurality of lifting blocks configured to engage the 2 guides to vertically guide the center hull during vertical translation thereof. 3 The vessel of claim 12, wherein the lifting blocks are coupled to the 1 13. lifting mechanism to vertically translate the center hull. 2 1 14. The vessel of claim 1, wherein a top deck of the center hull is 2 configured to be vertically translated below a surface of a body of water. 1 15. The vessel of claim 1, wherein the side hulls are configured to be lifted 2 above a surface of a body of water. 16. 1 The vessel of claim 1, wherein the center hull is configured to be 2 vertically translated above a surface of a body of water, and the side hulls are configured to 3 be pushed into the water. 1 17. The vessel of claim 1, wherein the first and second side hulls are 2 coupled to the cross support at an upper portion of the side hulls. 1 18. The vessel of claim 1, wherein said center hull is slidably coupled to 2 the first and second side hulls. 1 19. The vessel of claim 1, wherein a draft of the first and second side hulls 2 increases when the center hull is translated upward. 1 20. The vessel of claim 1, wherein a draft of the first and second side hulls 2 decreases when the center hull translated downward. 1 21. The vessel of claim 1, wherein the side hulls are approximately

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parallel.

1	22. The vessel of claim 1, wherein the first side hull includes one or more				
2	struts coupled to one or more hulls, wherein the second side hull includes one or more struts				
3	coupled to one or more hulls.				
1	23. The vessel of claim 22, wherein the struts are vertically disposed.				
1	24. The vessel of claim 22, wherein the struts are canted.				
1	25. The vessel of claim 1, wherein the center hull, the first side hull, and				
2	the second side hull form hulls of the vessel.				
1	26. The vessel of claim 1, wherein the center hull is configured to be				
2	vertically translated with respect to the first and second side hulls to change the draft of the				
3	vessel.				
1	27. The vessel of claim 1, wherein the center hull includes a top deck				
2	configured to hold cargo and/or passengers.				
1	28. A vessel comprising:				
2	a center hull that includes a first plurality of ballast tanks;				
3	a first side hull coupled to a first side of the center hull, the first side hull				
4	including a second plurality of ballast tanks;				
5	a second side hull coupled to a second side of the center hull, the second side				
6	hull including a third plurality of ballast tanks; and				
7	at least one cross support configured to couple the first and second side hulls				
8	wherein the center hull is configured to be vertically translated with respect t				
9	the first and second side hulls by selectively transferring ballast water into or out of one or				
10	more of the ballast tanks.				
1	29. The vessel of claim 28, further comprising a first ramp coupled to a				
2	first end of the center hull.				
1	30. The vessel of claim 29, further comprising a second ramp coupled to				
2	second end of the center hull.				

1		31.	The vessel of claim 28, wherein the center hull is configured to be		
2	vertically tran		,		
	vertically translated with respect to the first and second side hulls to change the draft of the				
3	vessel.				
1		32.	The vessel of claim 28, wherein the side hulls are wing walls.		
1		33.	The vessel of claim 28, wherein a draft of the first and second side		
2	hulls increases when the center hull is translated upward.				
1		34.	The vessel of claim 28, wherein a draft of the first and second side		
2	hulls decrease		the center hull translated downward.		
2	nuns decrease	5 WIICII	the center fruit translated downward.		
1		35.	The vessel of claim 28, wherein the center hull is configured to be		
2	vertically translated with respect to the first and second side hulls to change the draft of the				
3	vessel.				
1		36.	A vessel comprising:		
2	/	a centr	ral hull;		
3		a plurality of struts coupled to the central hull, the struts extending downward			
4	with respect to the central hull;				
5		a plurality of pods coupled to the struts; and			
6		a plura	ality of floatation devices slidably coupled to the struts, wherein a draft		
7	of the pods is	configu	red to be increased or decreased by vertically translating the floatation		
8	devices.	_			
1		37.	The vessel of claim 36, wherein the plurality of pods includes at least a		
2	first pod and a second pod.				
1		38.	The vessel of claim 37, wherein the plurality of floatation devices		
			•		
2	includes at lea	ist a iirs	t floatation device and a second floatation device.		
1		39.	The vessel of claim 38, wherein the plurality of struts includes at least		
2	a first forward	strut, a	second forward strut, a first aft strut, and a second aft strut.		
1		40.	The vessel of claim 39, wherein the first forward strut and the first aft		
2	strut are coupled to a first side of the central hull, and the second forward strut and the second				
3	aft strut are coupled to second side of the central hull.				

- 1 41. The vessel of claim 40, wherein the first pod is slidably coupled to the 2 first forward strut and the first aft strut, and the second pod is slidably coupled to the second 3 forward strut and the second aft strut.
- 1 42. The vessel of claim 36, wherein the plurality of floatation devices 2 includes a number of floatation devices corresponding to a number of struts included in the 3 plurality of struts.
- 1 43. The vessel of claim 42, wherein one or more of the floatation devices 2 are configured to be vertically translated to tilt the vessel.